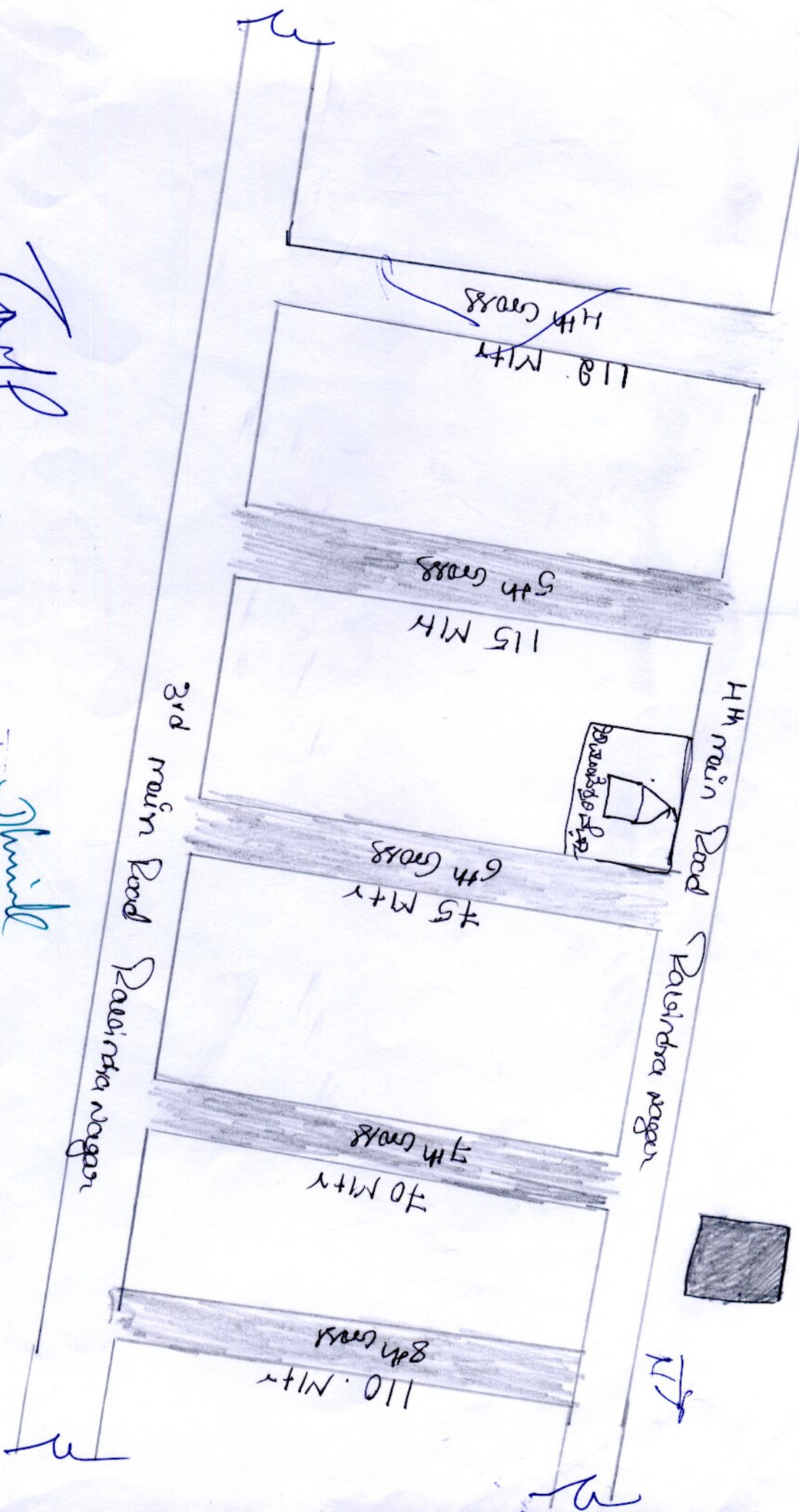


of North: circumference of a circle to Kavalinda Nagar 5' 6" 7' 8" 9".  
 Creek in ward No - 13 Shanyalei Sub Division.

Index: C C Road



Carluke

Shinde

ನಕೆಯು ಸಾರ್ವಜನಿಕ ಮಾಹಿತಿಯಾಗಿರುತ್ತದೆ ಮತ್ತು ಅದರ ಬಳಕೆಗೆ ಸೀಮಿತವಾಗಿರುತ್ತದೆ. ಇದರ ಬಳಕೆಗೆ ಸೀಮಿತವಾಗಿರುತ್ತದೆ ಮತ್ತು ಅದರ ಬಳಕೆಗೆ ಸೀಮಿತವಾಗಿರುತ್ತದೆ.

# Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

**Name of Work: Improvements of CC Roads to Ravindranagara 5th, 6th, 7th & 8th Cross in Ward No.13, Shettyhalli Sub Division.**

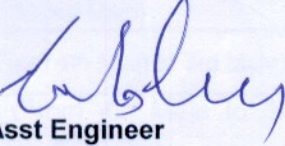
| <i>Est. Cost Rs.50.00 Lakhs</i> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |    |        |      |      |                |                |                   |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----|--------|------|------|----------------|----------------|-------------------|
| Sl No                           | Description of Items                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Unit           | No | L      | B    | D    | Qty            | Rate           | Amount            |
| 1                               | KSRRB 300-50 Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per Specification Morth / Chapter .3 Page No.146, Item No.19.56 / PWD SR.2015-16                                                                                                                                                   |                |    |        |      |      | Sqm            |                |                   |
|                                 | 5th Cross (From Chamundeshwari Temple road to 3rd Main)                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                | 1  | 120.00 | 5.00 |      | 600.00         |                |                   |
|                                 | 6th Cross (From Chamundeshwari Temple road to 3rd Main)                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                | 1  | 75.00  | 6.40 |      | 480.00         |                |                   |
|                                 | 7th Cross (From 4th Main to 3rd Main)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                | 1  | 70.00  | 4.80 |      | 336.00         |                |                   |
|                                 | 8th Cross (From 4th Main to 3rd Main)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                | 1  | 110.00 | 5.50 |      | 605.00         |                |                   |
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |    |        |      |      | <b>2021.00</b> | <b>30.24</b>   | <b>61115.00</b>   |
|                                 | Basic Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 28.00          |    |        |      |      |                |                |                   |
|                                 | Area Weightage @ 8%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.24           |    |        |      |      |                |                |                   |
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 30.24          |    |        |      |      |                |                |                   |
| 2                               | KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 Page No.83/ Item No. 4.3/ PWD SR 2015-16 |                |    |        |      |      | Cum            |                |                   |
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                | 1  | 115.00 | 5.00 | 0.15 | 86.25          |                |                   |
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                | 1  | 75.00  | 6.40 | 0.15 | 72.00          |                |                   |
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                | 1  | 70.00  | 4.80 | 0.15 | 50.40          |                |                   |
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                | 1  | 110.00 | 5.50 | 0.15 | 90.75          |                |                   |
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |    |        |      |      | <b>299.40</b>  | <b>5070.60</b> | <b>1518138.00</b> |
|                                 | Basic Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4,695.00       |    |        |      |      |                |                |                   |
|                                 | Area Weightage 8%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 375.60         |    |        |      |      |                |                |                   |
|                                 | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>5070.60</b> |    |        |      |      |                |                |                   |
| 3                               | Providing & laying cement concrete using 20mm and down size granite coarse aggregate and fine aggregate of ready mixed concrete RMC M20 for RCC works laid in 15cm thick layers and well compacted vibrating, curing, for raft foundation column footing, main and secondary beams with all lead and lift etc, complete (exclusive of cost of steel and fabrication charges Page No.18/ Item No. 4.48/ PWD SR 2015-16                                                                                       |                |    |        |      |      | Cum            |                |                   |
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                | 1  | 115.00 | 5.00 | 0.13 | 74.75          |                |                   |
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                | 1  | 75.00  | 6.40 | 0.13 | 62.40          |                |                   |
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                | 1  | 70.00  | 4.80 | 0.13 | 42.00          |                |                   |
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                | 1  | 110.00 | 5.50 | 0.13 | 78.65          |                |                   |
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |    |        |      |      | <b>257.80</b>  | <b>6332.04</b> | <b>1632400.00</b> |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |    |        |      |      |          |         |           |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----|--------|------|------|----------|---------|-----------|
|   | Basic Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5863.00 |    |        |      |      |          |         |           |
|   | Area Weightage @ 8%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 469.04  |    |        |      |      |          |         |           |
|   | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6332.04 |    |        |      |      |          |         |           |
| 4 | Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater dubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift. Page No.174/ Item No.22.7/ PWD SR 2015-16                                                                                                                                                                                                                                       |         |    |        |      |      | Sqm      |         |           |
|   | For CC road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         | 1  | 115.00 | 5.00 |      | 575.00   |         |           |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | 1  | 75.00  | 6.40 |      | 480.00   |         |           |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | 1  | 70.00  | 4.80 |      | 336.00   |         |           |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | 1  | 110.00 | 5.50 |      | 605.00   |         |           |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |    |        |      |      | 1996.00  | 97.20   | 194011.00 |
|   | Basic Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 90.00   |    |        |      |      |          |         |           |
|   | Area Weightage @ 8%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 7.20    |    |        |      |      |          |         |           |
|   | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 97.20   |    |        |      |      |          |         |           |
| 5 | Providing groove cutting for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine, generator & HOM of machinery, including cost of blade,coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications. for concrete pavement Page No.175/ Item No.22.8,                                        |         |    |        |      |      | Rmt      |         |           |
|   | For CC road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         | 12 |        | 5.00 |      | 60.00    |         |           |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | 8  |        | 6.40 |      | 51.20    |         |           |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | 8  |        | 4.50 |      | 36.00    |         |           |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | 12 |        | 5.10 |      | 61.20    |         |           |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |    |        |      |      | 208.40   | 124.20  | 25853.00  |
|   | Basic Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 115.00  |    |        |      |      |          |         |           |
|   | Area Weightage @ 8%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 9.20    |    |        |      |      |          |         |           |
|   | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 124.20  |    |        |      |      |          |         |           |
| 6 | KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3, TMT bars Fe 500. Page No. 17/ Item No. 4.46.2/ PWD SR 2015-16 |         |    |        |      |      |          |         |           |
|   | Qty Wide 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Qtls    |    | 257.80 | x    | 55kg | 14179.00 |         |           |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |    |        |      |      | 141.79   | 6980.58 | 989776.00 |
|   | Basic Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6463.50 |    |        |      |      |          |         |           |
|   | Area Weightage @ 8%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 517.08  |    |        |      |      |          |         |           |
|   | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6980.58 |    |        |      |      |          |         |           |
| 7 | Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 68.00 (P.133                                                                                                                                           |         |    |        |      |      | Cum      |         |           |
|   | Qty Vide Item No=1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |    |        |      |      | 2021.00  |         |           |
|   | Qty Limited to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |    |        |      |      | 2021.00  | 81.73   | 165185.00 |
|   | (For 3 km = 3 x 1.28 x 2.0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7.68    |    |        |      |      |          |         |           |
|   | Loading and Unloading Charges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 68.00   |    |        |      |      |          |         |           |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 75.68   |    |        |      |      |          |         |           |
|   | Area Weightage @ 8%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 6.05    |    |        |      |      |          |         |           |

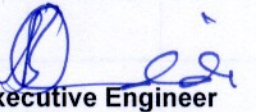
|                           |                                      |       |  |  |  |  |  |           |            |
|---------------------------|--------------------------------------|-------|--|--|--|--|--|-----------|------------|
|                           | Total                                | 81.73 |  |  |  |  |  |           |            |
|                           |                                      |       |  |  |  |  |  | Sub Total | 4586478.00 |
| 8                         | KRIDL Charges 8+1%                   |       |  |  |  |  |  |           | 412784.00  |
| 9                         | Miscellaneous and unforeseen Charges |       |  |  |  |  |  |           | 738        |
|                           |                                      |       |  |  |  |  |  | Total     | 5000000.00 |
| (Rupees Fifty Lakhs Only) |                                      |       |  |  |  |  |  |           |            |

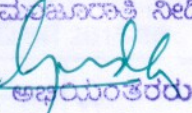
#### CERTIFICATE

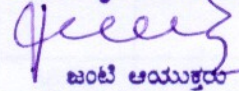
- 1 The Work spot has been inspected and the work found to be necessary
- 2 The Estimate is prepared as per the PWD SR 2015-16
- 3 The Provision made in estimate are adequate and essential
- 4 This area comes under BBMP limits.

  
Asst Engineer  
Ward No-13

  
Asst Executive Engineer  
Shettyhalli Sub-Division  
BBMP

  
Executive Engineer  
Dasarahalli Zone  
BBMP

ನಂ. EE/TS/61/2016-17 ದಿನಾಂಕ : 09-11-2016  
ರೂ. 50.00 Lakhs (Rupees Fifty-Lakhs only)  
ಗಲ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.  
  
ಮುಖ್ಯ ಅಧಿಕಾರಿಯವರು  
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು ಬಿ.ಬಿ.ಎಂ.ಪಿ.  
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. JC/D/AS/PA/49/1617 ದಿನಾಂಕ : 21/11/16  
ರೂ. 50.00 lakhs only (Rupees Fifty lakhs only)  
ಗಲ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.  
  
ಜಂಟಿ ಆಯುಕ್ತರು  
ಜ್ಞಾಪಕ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ  
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.